

Patent Claims

1. Device for the locomotion of a person, the person being located on a movable or drivable platform, characterized by
 - a holding, steering or guiding rod (3) with steering-holding grips, onto which the person can hold,
 - at least one running wheel (7), located in the region at the opposite end of the holding grips on the rod,
 - an electric motor (11) to drive the running wheel (7) for the locomotion of the person, and optionally
 - a drivable platform (35) which is disposed on or in the device such that it is removable again, in order to accommodate a person for the locomotion with the device.
2. Device as claimed in claim 1, characterized in that the drive (11) is disposed in the interior of the running wheel (7) pivoted spring elastically with respect to the running wheel.
3. Device as claimed in one of claims 1 or 2, characterized in that at least one, preferably three or more driving means, such as gear wheels or cylinders (19) are provided for the force transmission from the drive or electric motor (11) onto the inner surface of the wheel circumference of the running wheel (7).
4. Device as claimed in claim 3, characterized in that the driving gears or cylinders (19) are disposed under spring prestress onto the inner surface of the running wheel (7), such that the driving takes place through frictional adhesion and/or by tooth intermeshing.

5. Device as claimed in claim 4, characterized in that one each of the arms or bolts (24) supporting the driving gears or cylinders (19) forms with the running wheel an angle (α) of the order of magnitude of approximately 45 to 65 degrees, preferably an angle of 50 to 60 degrees.
6. Device as claimed in one of claims 1 to 5, characterized in that a drivable platform (35) is provided, which is connectable with the running wheel such that it can be removed again, in order to accommodate a person for the locomotion with the device.
7. Device as claimed in claim 6, characterized in that the platform (35) is connected with the running wheel (7) via a connection element (33), such as a cord, a cable, a chain, a bar and the like.
8. Device as claimed in one of claims 6 or 7, characterized in that the platform (35) comprises at least one, preferably two or more wheel-, roller-, cylinder- or crawler-like elements (37).
9. Device as claimed in one of claims 6 or 8, characterized in that the drivable platform (35) comprises at least one plate-shaped element, optionally preferably two plate-shaped elements, in the case of at least two elements these being connected with one another such that they can be folded toward or away from one another, and the element, or the at least two elements in the folded open state, each comprising laterally on the outside an element of locomotion, such as for example a wheel (37).
10. Device as claimed in one of claims 1 to 9, characterized in that the holding, steering or guiding rod (3) is implemented such that its length can be varied in the manner of telescope and/or to be foldable or swivelable about a hinge centrally and/or in the region at the opposite end.

11. Device as claimed in one of claims 1 to 10, characterized in that further elements are provided, such as illumination, signal senders, mounting for mobile telephone, radio, CD, minidisk players including amplifier, key compartment, bottle holders and the like.
12. Device as claimed in one of claims 1 to 11, characterized in that further a fuel cell is provided for generating the electric current for driving the electric motor.
13. Means of locomotion with a device as claimed in one of claims 1 to 12.
14. Training apparatus or learning aid with a device as claimed in one of claims 1 to 12.